

Title (en)
Form-retaining honeycomb panel

Title (de)
Formfester Platte mit Honigwabenstruktur

Title (fr)
Panneau indéformable en miel d'abeille

Publication
EP 0707947 A1 19960424 (EN)

Application
EP 95202780 A 19951016

Priority
NL 9401706 A 19941017

Abstract (en)
A honeycomb panel (1) for the building industry is made of a material such as cellulose material, the moisture content of which is variable, and the strength and/or the form of which is sensitive to the action of moisture, and has a moisture-impermeable layer (7) applied to the outer side of at least one of the panel surfaces, which moisture-impermeable layer (7) is a polyethene film or an aluminium film. The honeycomb panel (1) can have the form of a sandwich construction, comprising a honeycomb core (8) and two support plates (5, 6) which define the panel faces, between which the core (8) is glued, the moisture-impermeable film layer (7) being applied on the outside of the panel (1) to one of the support plates (5). The moisture-impermeable layer (7) can, for example, be a film (7) of polyethene or of aluminium with a thickness between 12 and 20 μ m. The outer surface of the film (7) can be structured by subjection to a corona treatment. The honeycomb panel (1) can easily be painted or wallpapered. <IMAGE>

IPC 1-7
B32B 3/12; **B32B 29/00**; **E04C 2/36**

IPC 8 full level
B32B 3/12 (2006.01); **E04C 2/36** (2006.01)

CPC (source: EP US)
B32B 3/12 (2013.01 - EP US); **B32B 7/12** (2013.01 - US); **B32B 15/12** (2013.01 - US); **B32B 15/20** (2013.01 - US); **B32B 27/10** (2013.01 - US); **B32B 27/32** (2013.01 - US); **B32B 38/0008** (2013.01 - US); **E04C 2/365** (2013.01 - EP); **B32B 2307/7246** (2013.01 - US); **B32B 2310/14** (2013.01 - US); **B32B 2311/24** (2013.01 - US); **B32B 2317/12** (2013.01 - US); **B32B 2607/00** (2013.01 - US)

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Designated contracting state (EPC)
BE CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0707947 A1 19960424; **EP 0707947 B1 20000524**; DE 69517119 D1 20000629; DE 69517119 T2 20010201; NL 9401706 A 19960603

DOCDB simple family (application)
EP 95202780 A 19951016; DE 69517119 T 19951016; NL 9401706 A 19941017